

1. A method of operating a service control point, the method comprising:
- receiving a call set-up message into the service control point for an incoming call;
  - processing the call set-up message to identify a wireless communication interface;
  - generating an alert message indicating the incoming call and caller information from the call set-up message;
  - transmitting the alert message from the service control point to the wireless communication interface;
  - receiving a response message into the service control point wherein the response message indicates a destination communication device to receive the incoming call;
  - processing the response message to generate a routing instruction that connects the incoming call to the destination communication device; and
  - transmitting the routing instruction from the service control point.
2. The method of claim 1 wherein the wireless communication interface is within a wireless communication device.
3. The method of claim 2 wherein the wireless communication device comprises a pager, a personal digital assistant, or a cellular phone.
4. The method of claim 1 wherein the call set-up message comprises a Transaction Capabilities Application Part query.
5. The method of claim 1 wherein the alert message comprises a called number, a dialed number, or a caller number.
6. The method of claim 1 further comprising determining whether the incoming call is to be intercepted for a called party.

7. The method of claim 1 further comprising generating a session for the incoming call with a session identifier.

8. A software product for operating a service control point comprising:

service control point software operational when executed by a processor to direct the processor to receive a call set-up message for an incoming call, process the call set-up message to identify a wireless communication interface, generate an alert message indicating the incoming call and caller information from the call set-up message, transmit the alert message to the wireless communication interface, receive a response message wherein the response message indicates a destination communication device to receive the incoming call, process the response message to generate a routing instruction that connects the incoming call to the destination communication device, and transmit the routing instruction; and

a software storage medium operational to store the service control point software.

9. The software product of claim 8 wherein the wireless communication interface is within a wireless communication device.

10. The software product of claim 9 wherein the wireless communication device comprises a pager, a personal digital assistant, or a cellular phone.

11. The software product of claim 8 wherein the call set-up message comprises a Transaction Capabilities Application Part query.

12. The software product of claim 8 wherein the alert message comprises a called number, a dialed number, or a caller number.

13. The software product of claim 8 wherein the service control point software is operational when executed by the processor to direct the processor to determine whether the incoming call is to be intercepted for a called party.

14. The software product of claim 8 wherein the service control point software is operational when executed by the processor to direct the processor to generate a session for the incoming call with a session identifier.

15. A communication system comprising:

a service control point (SCP) comprising:

a processor configured to receive a call set-up message for an incoming call, process the call set-up message to identify a wireless communication interface, generate an alert message indicating the incoming call and caller information from the call set-up message, transmit the alert message to an SCP interface, receive a response message wherein the response message indicates a destination communication device to receive the incoming call, process the response message to generate a routing instruction that connects the incoming call to a destination communication device, and transmit the routing instruction; and

the SCP interface connected to the processor and configured to transfer the call set-up message to the processor, transfer the alert message from the processor to the wireless communication interface, and transfer the routing instruction from the processor.

16. The communication system of claim 15 wherein the wireless communication interface is within a wireless communication device.

17. The communication system of claim 16 wherein the wireless communication device comprises a pager, a personal digital assistant, or a cellular phone.

18. The communication system of claim 15 wherein the call set-up message comprises a Transaction Capabilities Application Part query.
19. The communication system of claim 15 wherein the alert message comprises a called number, a dialed number, or a caller number.
20. The communication system of claim 15 wherein the processor is configured to determine whether the incoming call is to be intercepted for a called party.
21. The communication system of claim 15 wherein the processor is configured to generate a session for the incoming call with a session identifier.
22. The communication system of claim 15 further comprising a wireless base station connected to the SCP and configured to transfer the alert message from the SCP interface to the wireless communication interface.
23. The communication system of claim 15 further comprising a switching system connected to the SCP and configured to process the routing instruction that connects the incoming call with the destination communication device.
24. A method of operating a wireless communication device, the method comprising:
- receiving an alert message indicating an incoming call and caller information from a service control point into the wireless communication device;
  - processing the alert message;
  - determining a destination communication device for the incoming call;
  - generating a response message indicating a destination communication device to receive the incoming call; and
  - transmitting the response message from the wireless communication device to the service control point.

25. The method of claim 24 wherein the wireless communication device comprises a pager, a personal digital assistant, or a cellular phone.

26. The method of claim 24 wherein the alert message comprises a called number, a dialed number, or a caller number.

27. A software product for a wireless communication device comprising:

wireless communication device software operational when executed by a processor to direct the processor to receive an alert message indicating an incoming call and caller information from a service control point, process the alert message, determine a destination communication device for the incoming call, generate a response message indicating a destination communication device to receive the incoming call, and transmit the response message to the service control point; and

a software storage medium operational to store the wireless communication device software.

28. The software product of claim 27 wherein the wireless communication device comprises a pager, a personal digital assistant, or a cellular phone.

29. The software product of claim 27 wherein the alert message comprises a called number, a dialed number, or a caller number.

30. A wireless communication device comprising:

a processor configured to receive an alert message indicating an incoming call and caller information from an interface, process the alert message, determine a destination communication device for the incoming call, generate a response message indicating a destination communication device to receive the incoming call, and transmit the response message to the interface; and

the interface connected to the processor and configured to transfer the alert message from a service control point to the processor and transfer the response message from the processor to the service control point.

31. The wireless communication device of claim 30 wherein the wireless communication device comprises a pager, a personal digital assistant, or a cellular phone.

32. The wireless communication device of claim 30 wherein the alert message comprises a called number, a dialed number, or a caller number.

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